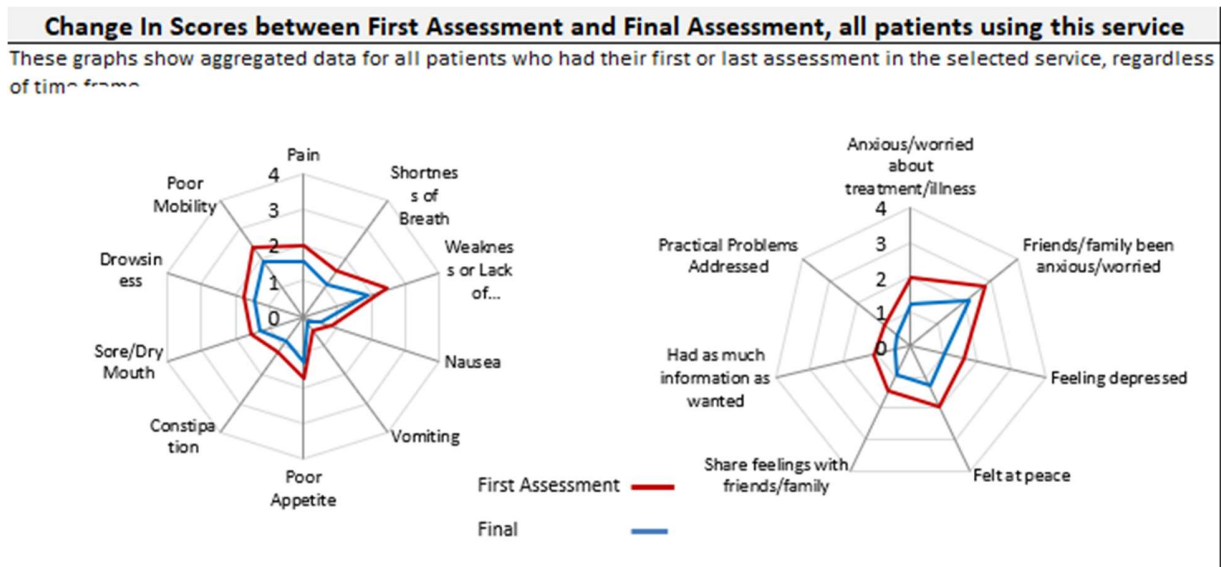


Integrated Palliative care Outcome Scale (IPOS) - Annual data 2022-23 – IPU

In 2022-23, 131 patients were cared for, with 148 episodes of care. The IPOS tool is completed on admission and then at regular intervals during the patient’s stay, with a final IPOS recorded on discharge.

IPOS Scores are recorded from 0 (not at all) to 4 (overwhelmingly).

The following is extracted using LHITS software and has compiled the data of all IPOS tools recorded during the period. The charts below show the changes that have occurred in scores from first assessment to final assessment and demonstrates the positive impact the team have had in improving patient outcomes in all 17 indicators.



Below shows the % change in score, which shows a decrease in all outcomes

Average Scores for each Indicator (1266 pts)	First Assessment	Final Assessment	Net Change	% Change
Pain	1.98	1.56	-0.43	22% decrease
Shortness of Breath	1.57	1.11	-0.45	29% decrease
Weakness or Lack of energy	2.49	1.90	-0.58	23% decrease
Nausea	0.88	0.52	-0.36	41% decrease
Vomiting	0.46	0.21	-0.25	55% decrease
Poor Appetite	1.73	1.27	-0.46	27% decrease
Constipation	1.22	0.85	-0.37	30% decrease
Sore/Dry Mouth	1.57	1.29	-0.28	18% decrease
Drowsiness	1.76	1.46	-0.30	17% decrease
Poor Mobility	2.38	1.90	-0.48	20% decrease
Feeling anxious/worried about treatment/illness	1.98	1.22	-0.76	39% decrease
Friends/family have been anxious/worried	2.75	2.14	-0.61	22% decrease
Feeling depressed	1.59	1.03	-0.56	35% decrease
Felt at peace	1.96	1.28	-0.68	35% decrease
Share feelings with friends/family	1.46	0.95	-0.51	35% decrease
Had as much information as wanted	1.11	0.48	-0.63	57% decrease
Practical Issues have been addressed	1.00	0.51	-0.49	49% decrease
Average	1.64	1.16	-0.48	29% decrease

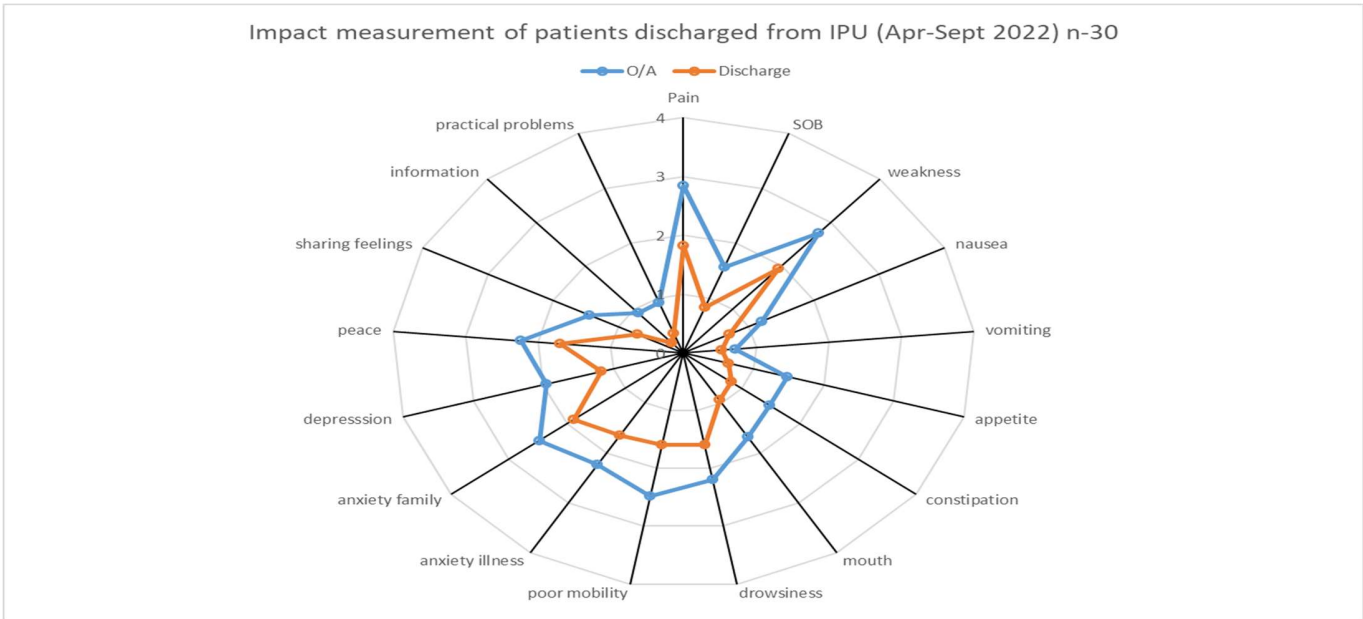
The tool provides a service improvement score, this is calculated by combining the ratio of improvement and the degree of change. The average of the two scores is rated against a scaled grading mechanism to give a final score from A+ to F, with A+ being the best and F the worst. A normally performing service should expect to score C in all indicators.

Overall Score	55.6%	74.3%	-	15.0%
Service Scores for each Indicator	Improvement Ratio	Degree of Change	Combined (w. legacy gradings)	General Change
Pain	54.9%	63.4%	59.2% (C+)	9%
Shortness of Breath	55.3%	79.3%	67.3% (B+)	17%
Weakness or Lack of energy	59.5%	60.0%	59.8% (B)	10%
Nausea	52.4%	89.1%	70.7% (A)	21%
Vomiting	51.9%	95.4%	73.6% (A)	24%
Poor Appetite	55.4%	74.7%	65.0% (B+)	15%
Constipation	55.8%	80.3%	68.0% (B+)	18%
Sore/Dry Mouth	56.4%	74.5%	65.4% (B+)	15%
Drowsiness	56.4%	72.1%	64.2% (B)	14%
Poor Mobility	59.4%	60.5%	59.9% (B)	10%
Feeling anxious/worried about treatment/illness	57.5%	69.9%	63.7% (B)	14%
Friends/family have been anxious/worried	56.0%	47.8%	51.9% (C)	2%
Feeling depressed	55.8%	75.0%	65.4% (B+)	15%
Felt at peace	57.4%	68.4%	62.9% (B)	13%
Share feelings with friends/family	56.0%	79.9%	68.0% (B+)	18%
Had as much information as wanted	53.1%	87.6%	70.3% (A)	20%
Practical Issues have been addressed	52.6%	85.2%	68.9% (B+)	19%

The above demonstrated that Teesside Hospice is performing well in all indicators with scores ranging from A to C

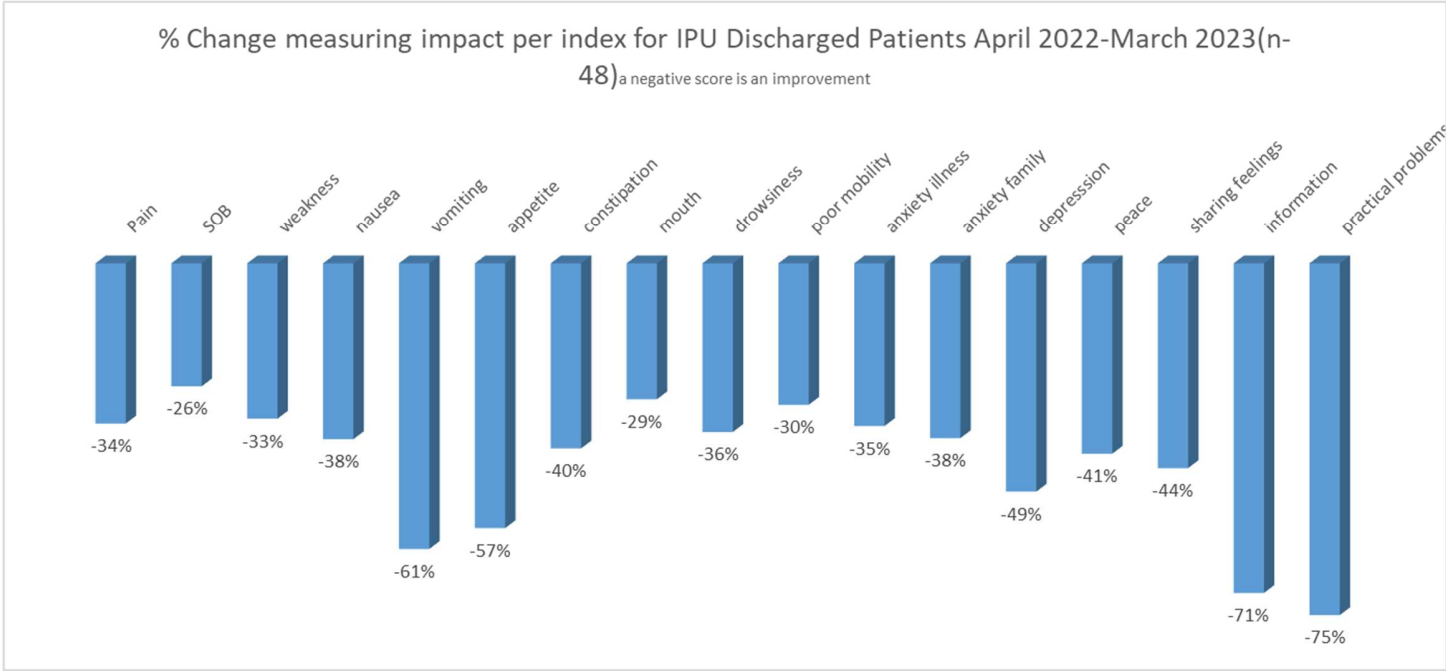
As part of our performance indicators, Teesside Hospice measures IPU discharged patient IPOS outcomes, specifically using the data from tools completed by patients, this being the gold standard as it is the patient's assessment.

48 patients who were discharged completed an admission and discharge IPOS, this is an 81% completion rate.



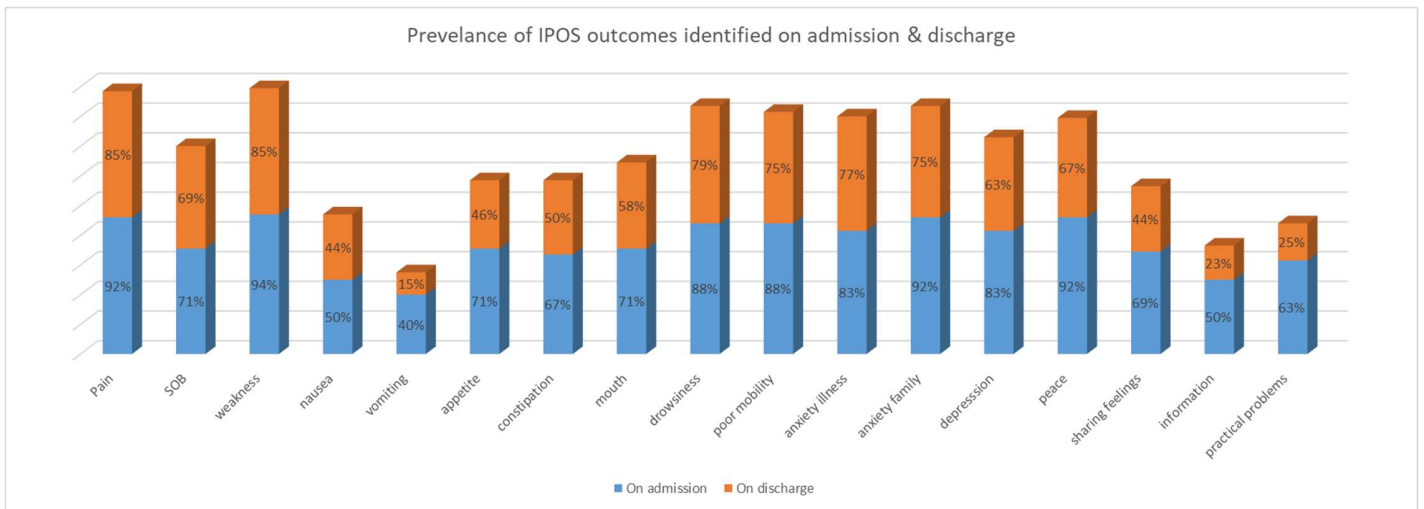
The above shows the blue line which are the average IPOS scores recorded on admission in comparison to the orange line which is the average IPOS score on discharge. The chart shows a significant improvement in outcome measures recorded by patients in all 17 indicators assessed.

Below is the % change in scores measuring the impact per each indicator, with a negative score indicative of an improvement.

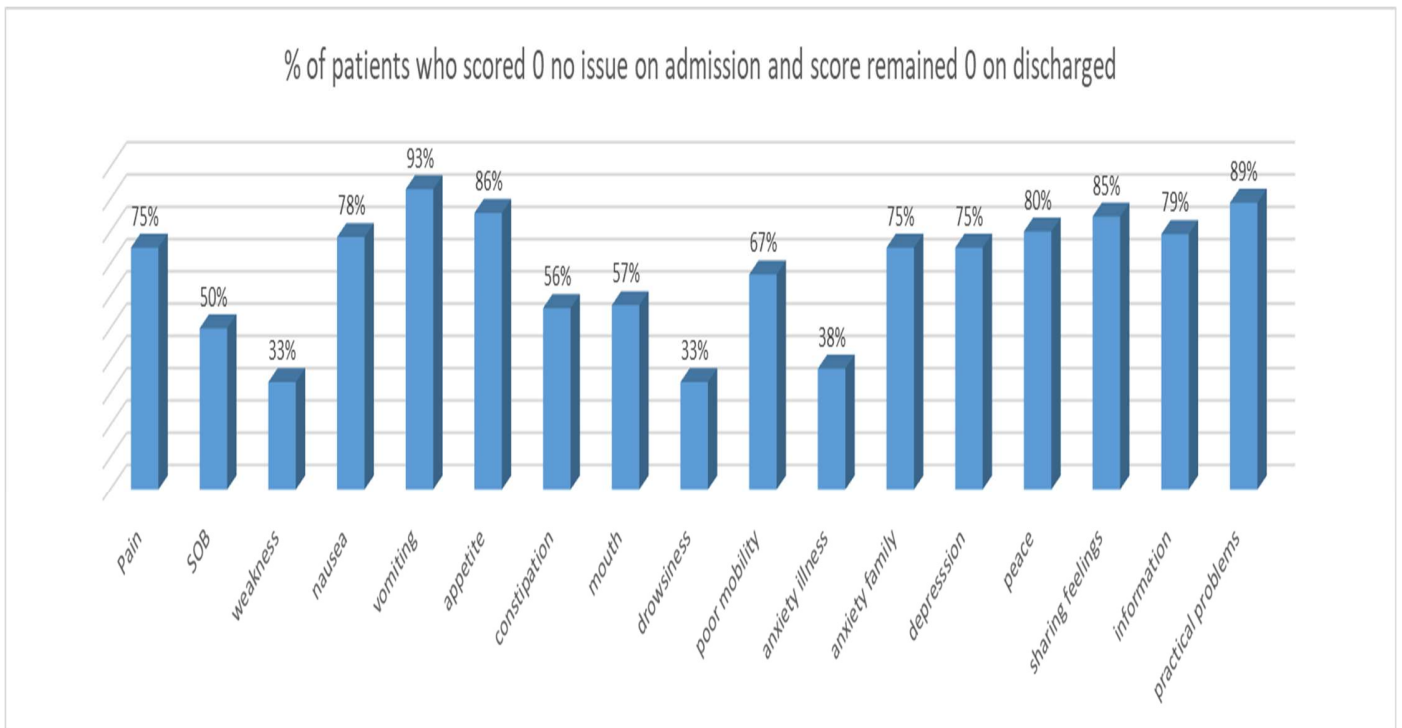


The overall % impact is -40%

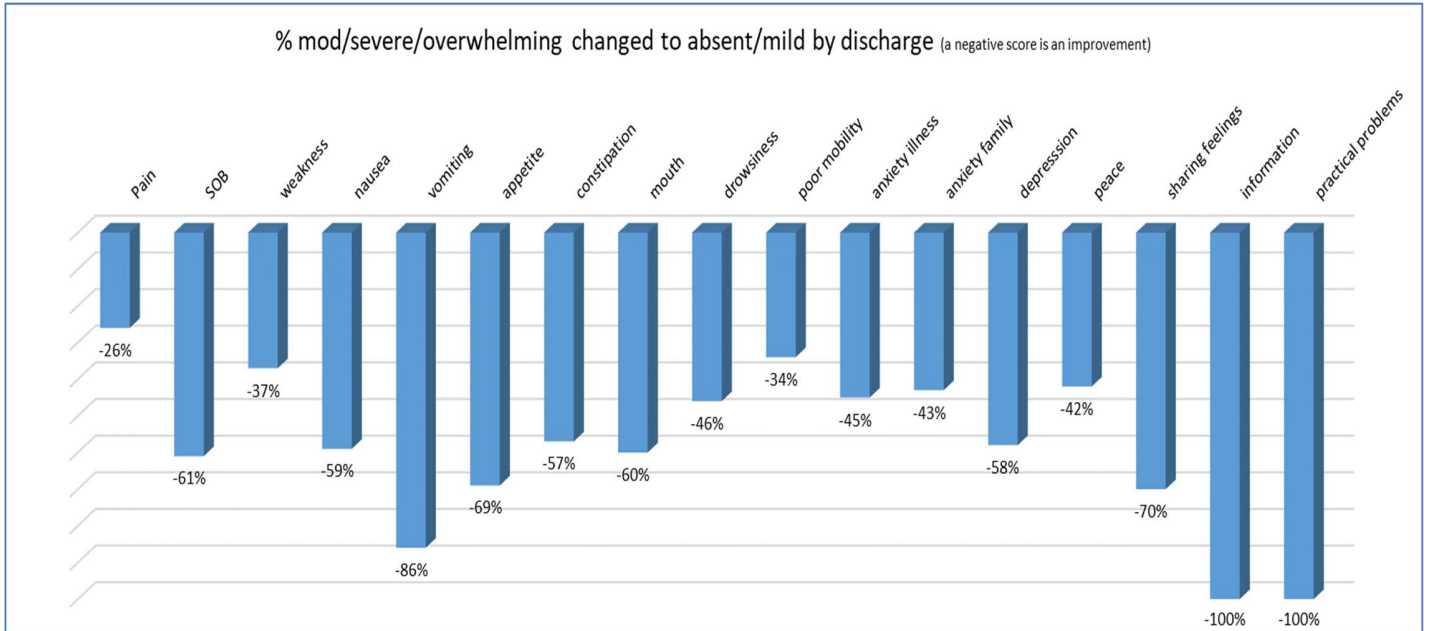
Below shows the IPOS indicators scoring between 1 where it is bothering the patient slightly to 4 when it is overwhelming and the patient is unable to think of anything else. The comparison is between admission (blue) and discharge (orange). All indicators show a reduction in prevalence. The average on admission being 74% with this reducing to 58% on discharge.



Below identifies the patient who scored 0 on admission and this remained 0 on discharge. Patients who scored 0 (not affecting patient at all), were within ranges from 2 to 27 patients for indicators. With only 2 patients on admission identifying drowsiness as not an issue and 27 patients not experiencing vomiting.



The following patients scored indicators 2 = moderately (limits some activity) to 4 = overwhelmingly (unable to think of anything else) on admission but on discharge their score (outcome) had reduced to either 0 (not at all) to 1 (slightly, but not bothered by it). The overall average across all indicators is -58%



The IPOS demonstrates the positive impact Teesside Hospice has on the patient's outcomes during their episode of care and improving quality of life.